



## **RAKOVSKI NATIONAL DEFENCE COLLEGE**

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### **STANDPOINT**

by professor **Pavel Angelov Angelov, PhD**

Number in the Register of Scientific Activity of the Republic of Bulgaria - 33074

Area of scientific activity: 9.1. „National security“; 3.8. Economic

Field of higher education 9. “Security and Defense”

Professional field: 9.1. „National security“

Scientific speciality:

- Organization and Management Outside the Field of Material Production (Security and Defense Management);
- 05.02.24. "Organization and Management Outside the Field of Material Production (Economic Fundamentals of Defense and Human Resources Management)";
- - 05.12.02. "Military-Political Security Issues",

for scientific papers presented at a competition for the occupation of an academic position of "associate professor" for an academic officer position "associate professor" in the field of higher education 9. “Security and Defense”, professional field 9.2. "Military Art", under the scientific speciality Organization and Management of the Armed Forces in the subjects of "Operational Art in Joint and Multinational Operations", "NATO Operations Planning", "Crisis Response Operations" and "Information Operations", position code 1527 9006, 1427 9006, 1327 9006 or 1227 9006, for the needs of the of the National Security and Defense Faculty at the Rakovski National Defense College.

The candidate lieutenant colonel Zhivko Dobrev Zhelev, PhD associate assistant in the Joint Operations and Planning Department of National security and defence Faculty in Rakovski National Defense College.

## **1. General characteristics of the applicant's research, application and andragogical activity**

The applicant has worked and continues to work in the following scientific fields and problems: information operations, operational art; Operational art in joint and multinational operations, NATO Operations Planning, Crisis response management, Information Operations. A total of 26 (twenty-six) scientific papers submitted for review, of which 4 (four) are co-authored, address important theoretical and practical issues of the use of the armed forces. Emphasis is placed on the use of information and modern information operations and electronic wars.

## **2. Standpoint on the presence or absence of plagiarism**

The scientific production is submitted by the applicant and at this time I have not found a submission for my own works, which are wholly or partially written or created by another, or used of other scientific results published without reference or citation. I don't know to have any claims have been made by other authors for misuse of the literature, or that there have been reports of the plagiarism candidate's anonymous or non-anonymous publications. Co-authored posts are correctly presented.

I haven't co-authors with the candidate.

## **3. Assessment of the candidate's andragogical preparation and activity**

I have a favourable impression of the candidate's andragogical preparation and activity since 2014. He already has experience and participation in various seminars, exercises, training, conferences, in which he has presented persuasive academic development skills.

## **4. Main scientific results and contributions**

I accept the claim for the proposed contributions as a substance and place of application, but I do not accept their wording which is not science-based. The candidate indicates the reasons first and then the contributions, which limits their wider scope and versatility.

### **Scientific contributions:**

The content of technologies and methods for information impact and the impact of information on the main operational factors, combat and national power have been proven and specified on the basis of a comparative analysis of leading authors from different military schools in the field of information impact (3, 7.25)\*.

Content knowledge of manipulative information technology technologies has been proposed to ensure that the objectives of information operations are achieved in the context of strategic communications and joint operations (3, 7.27).

The link between views on operational art, principles for its application and forms of use of the armed forces has been proven in an original way, based on a comparative analysis of leading authors from different military schools in the field of military and operational art (7.16, 7.17, 7.18).

### **Scientific and applied contributions:**

The content and contents of various components involved in joint operations of the possibilities for combining lethal and non-lethal effects on opposing forces, for maximum effect in conflicts of different nature, while respecting the legal and moral aspects of information operations in the contemporary environment, have been proposed and specified (7.6, 7.7, 7.15, 7.26, 7.23).

A prerequisite for enriching the theory of martial arts for actions in an unstable public environment has been formulated, defining the ability of the armed forces to participate in information operations, as a basis for modern operational capabilities (7.5, 7.8, 7.20, 7.24).

The link between combining sources of enemy influence with the use of manipulative technologies in modern military operations has been proven in an original way, which would facilitate the making of reasoned decisions about the use of force in an uncertain and dynamic environment (7.10, 7.12, 7.13, 7.14, 7.19).

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\* *The numbering in brackets is according to the Reference for the implementation of the minimum national requirements proposed by the candidate.*

Ways to the introduction of the opposing forces have been proposed, which affecting combat losses and resources for joint operations (7.21, 7.22, 7.28).

Ways to bring about sudden action in military formations have been proposed with a view to minimizing risk and loss through new means of misleading the enemy (7.9).

The candidate has been proven the impact of the information impact on operational factors in an original way, which makes it a driving force in decision making during the planning and execution of joint operations (7.1, 7.11, 20.1).

### **5. Assessment of the importance of contributions to science and practice**

The candidate`s contributions are current and relevant and are in line with elements and trends in the development of a complicated and dynamic contemporary security environment. The monograph and other works of the applicant are used in the studying process of the Rakovski National Defense College.

### **6. Critical notes on submitted works**

The treatment of information, information impact, information operations in conflicts require extremely deep and extensive knowledge of the development of modern technologies, social relations, the security environment, military affairs. This is a serious challenge for every in-depth security and defence researcher, teacher, and expert. It is necessary for the candidate to work hard to increase their knowledge, to achieve greater precision in their academic work, and to defend a more clearly argued author's position.

### **7. Conclusion**

I believe that the submitted works and the qualities of the candidate for the competitive academic position “Associate Professor” Lieutenant Colonel Zhivko Dobrev Zhelev, PhD sufficiently meet the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations of

its implementation and the Regulations of development of the academic staff at the Rakovski National Defense College.

### **8. Assessment of the applicant**

I give a positive assessment and propose to the Honorable Scientific Jury Lieutenant Colonel Zhivko Dobrev Zhelev, PhD to be elected for "Assistant Professor" in the Joint Operations and Planning Department of the National Security and Defense Faculty of the Rakovski National Defense College, in the field of higher education 9. "Security and Defense", professional field 9.2. "Military Art" under the Scientific speciality: Organization and Management of the Armed Forces in the subjects of "Operational Art in Joint and Multinational Operations", "NATO Operations Planning", "Crisis Response Operations" and "Information Operations".

Drafted the opinion:

\_\_\_.\_\_\_.2019

/ Prof. Pavel Angelov, PhD/

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